PTO/SB/05 (06-03)
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UTILITY PATENT APPLICATION

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	Attorney Docket No.	15142US02						
	First Inventor	Lakshmanan Ramakrishnan						
	Title	AUTOMATIC DIRECT MEMORY ACCESS ENGINE						
	Express Mail Label No.	EV 164034234 US						

-	TRANSMITTAL					AUTOMATIC DIRECT MEMORY ACCESS				
TRANSMITTAL				Title		ENGINE				
, (Only for new no	nprovisional a	pplications under 37 C	FR 1.53(b))	Express I	Mail Label No.	EV 164034234 US				
		ON ELEMENTS ng utility patent applica	tion contents.	ADDRE	SS TO:	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450				
		n (e.g., PTO/SB/17) uplicate for fee processing,		7.	CD-ROM or CD-R in duplicate, large table or					
Applican	it claims sm	all entity status.			8. Nucleotide and/or Amino Acid Sequence Submission					
3. See 37 G	CFR 1.27. ation	[Tot	al Pages 24]	` —	(if applicable, all necessary)					
— (preserved a	arrangement sea			a. Computer Readable Form (CRF)						
-Cross Re	eference to Re	elated Applications Fed sponsored R&D		b. Sp	b. Specification Sequence Listing on:					
-Reference		e listing, a table, or a co	omputer		i. CD-ROM or CD-R (2 copies); or					
-Backgrou	and of the Inv			ii. 🔲 Paper						
	Description	Diawings (ii iiicu)		c. Statements verifying identity of above copies						
	of the Disclos	ure			ACCOMPAN	IYING APPLICATION PARTS				
				9. 🗌	Assignment	Papers (co	ver sheet & documents(s))			
4. Drawing	(s) (35 U.S.	C. 113) [To	otal Sheets <u>5</u>]	10	37 CFR 3.7 (when there					
Oath or Declara	ation	[Tot	tal Sheets 3	11.	English Tra	nslation Dod	cument (<i>if applicable</i>)			
a. 🛚 Newly e	executed (or	iginal or copy)		12.	Information Statement (Copies of IDS 449 Citations			
b. Copy fro	om a prior a	pplication (37 CFR 1	.63(d))	13. Preliminary Amendment						
(for con	tinuation/div	risional with Box 18	completed)	14.			d (MPEP 503)			
: 🗆 5	ELETION OF	INVENTOR(S)		— Certified Copy of Priority Document(s)						
		ent attached deleting	g inventor(s)	15. (if foreign PRIORITY is claimed)						
ná		orior application, see		16.	Nonpublication Request under 35 U.S.C. 122(b) 16. (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.					
Applicati	ion Doto Sh	not Son 27 CED 1	76	17. Other:						
		eet. See 37 CFR 1.7								
18. If a CONTINUI the specification fo. ☐ Continuation	llowing the t	itle, or in an Applicat	opriate box, an tion Data Shee Continuation-ir	t under 37 (CFR 1.76:	rmation belo oplication No	ow and in the first sentence of			
Prior application in	formation:	Examin			Art Unit:					
For CONTINUATION C 5b, is considered a pa	OR DIVISIONA art of the disc	L APPS only: The entire	e disclosure of the ying continuation	ne prior appli n or divisiona	cation, from which	d is hereby in	declaration is supplied under Box corporated by reference. The			
incorporation can oni	y be relied up	on when a portion has 19.	CORRESPON			application p	Jarus.			
							ondence address below			
Name						•				
<u> </u>		Dalal, Esq.								
Address		ews, Held & Mal st Madison Stree								
	34 th Floo	or		Illinois	r					
City						Zip Code	60661			
Country USA Telephone				312-775	-8000	Fax	312-775-8100			
Name (Print/type) Mirut P. Dalal Registration No. (Attorney/Agent) 44,052										
Signature			っ		1	Data 1	anuary 27 2004			

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FEE TRANSMITTAL for FY 2004

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)1,028.00

Complete if Known						
Application Number	Not Yet Known					
Filing Date	January 27, 2004					
First Named Inventor	Lakshmanan Ramakrishnan					
Examiner Name	Not Yet Known					
Group Art Unit	Not Yet Known					
Attorney Docket No.	15142US02					

METHOD OF PAYMENT							FEE CALCULATION (continued)						
1. The Commissioner is hereby authorized to charge indicated fees and							3. ADDITIONAL FEES						
credit any overpayments to:													
01						Large Entit		Entity					
Deposit Account		13-0017			Fee	Fee	Fee	Fee	,	Fee			
Number				15 00 17			Code	(\$)	Code	(\$)	Fee Description	Paid	
Deposit			- ^ -	ا ۵ اماما میبید	Anlley		1051	130	2051	65	Surcharge - late filing fee or oath		
Account Name		IVI	CAN	drews Held & I	vialioy		1052	50	2052	25	Surcharge - late provisional filing fee or cover		
	ge Ar	ıv Ad	dition	al Fee Required Un	der 37 CFR 1	 .16 and 1.17					sheet		
_	Applicant claims small entity status.						1053	130	1053	130	Non-English specification		
	37 CF						ļ				•		
2. ⊠ Payme	nt Er	clos	ed:				1812		1812	2,520	For filing a request for ex parte reexamination		
☑ Check	k 📮	Cre	dit Ca	rd	r 🔲 Other		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
		F	EE	CALCULATI	ON		1805	1,840	*1805	1,840*	Requesting publication of SIR after Examiner action	:	
1. BASIC FIL	LING	FEE					1						
Large Entit							1251	110	2251	55	Extension for reply within first month		
Fee Fee Code (\$)		e ode	Fee	Fee Description		Fee Paid	1252	420	2252	210	Extension for reply within second month		
1				1024 . 50 55		770.00	1253	950	2253	475	Extension for reply within third month		
1001 77			385	Utility filing Fee		(770.00	1254	1,480		740	Extension for reply within fourth month		
1002 34	0 2	002	170	Design filing Fee		L	1255	2,010		1,005	Extension for reply within fifth month		
1003 53	0 2	003	265	Plant filing fee			1401	330	2401	165	Notice of Appeal		
1004 77	0 2	004	385	Reissue filing fee			1402	330	2402	165	Filing a bnef in support of an appeal		
1005 16	0 2	005	80	Provisional filing f	ee		1403	290	2403	145	Request for oral hearing	-	
	_			,			1451 1452	1,510	1451 2452	1510 55	Petition to institute a public use proceeding Petition to revive - unavoidable		
					ÉLIPTOTAL	(4) (E)770 00	1452	1,330		665	Petition to revive - unintentional		
SUBTOTAL (1) (\$)770.00					1501	1,330		665	Utility issue fee (or reissue)				
2. EXTRA CL	AIM I	EES					1502	480	2502	240	Design issue fee	-	
					Fee from		1503	640	2503	320	Plant issue fee		
	_	_		Extra Claims	below	Fee Paid	1460	130	1460	130	Petitions to the Commissioner		
Total Claims	2	0 - 20)** =	© ×	=	0	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Independent	-			6			1806	180	1806	180	Submission of Information Disclosure Stmt		
Claims Multiple Depe	_	- 3**	=	3 ×	86.00 = 0 =	258.00 0	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
Large Entit			ntitu		J	_	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		
Fee Fee	F		Fee	Fee Description			1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		
1202 18		202		Claims in excess	of 20		1801	770	2801	385	Request for Continued Examination (RCE)		
1201 86	_		43	Independent claim		13	1802	900	1802	900	Request for expedited examination of a design	1	
1203 29		203		•					15. 3		application		
1203 296				Multiple dependent claim, if not paid			Other fee (specify)						
	over original patent												
1205 18 2205 9 **Reissue daims in excess of 20 and over original patent													
SUBTOTAL (2) (\$)258.00							l					1	
**or number p	**or number previously paid, if greater; For Reissues, see above						*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)						

SUBMITTED BY Complete (if applicable)								
Name (Print/Type)	Mirut P. Dalal, Esq.	Registration No. (Attorney or Agent)	44,052	Telephone	312-775-8000			
Signature				Date	January 27, 2004			

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